

ASMEEX.448A

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Number: 10/800,390

Confirmation Number: 7151

Applicant: Brabant et al.

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Examiner: David Vu

Customer Number: 20,995

Commissioner for Patents
Post Office Box 1450
Alexandria, Virginia 22313-1450

DECLARATION OF DR. MATTHIAS BAUER UNDER 37 C.F.R. § 1.132

Sir:

I, Dr. Matthias Bauer, declare as follows:

1. I have received a Diploma in Physics from Eberhard-Karls-University, Tuebingen (Germany) and a Ph.D. in Electrical Engineering from University of Stuttgart (Germany). Since 1996, I have performed a substantial amount of research in the following fields: homo- and hetero-epitaxy of group IV materials (Si, SiGe, Ge, SiGe:C, Si:C); growth of ultra-thin, highly relaxed SiGe buffer layers on Si as